

FIG. 1 (Prior Art)

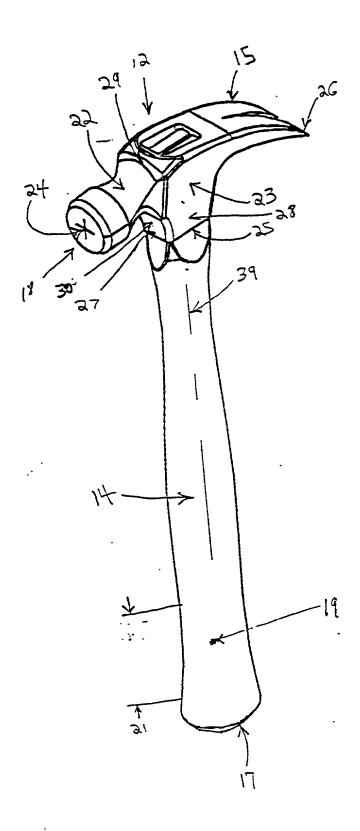
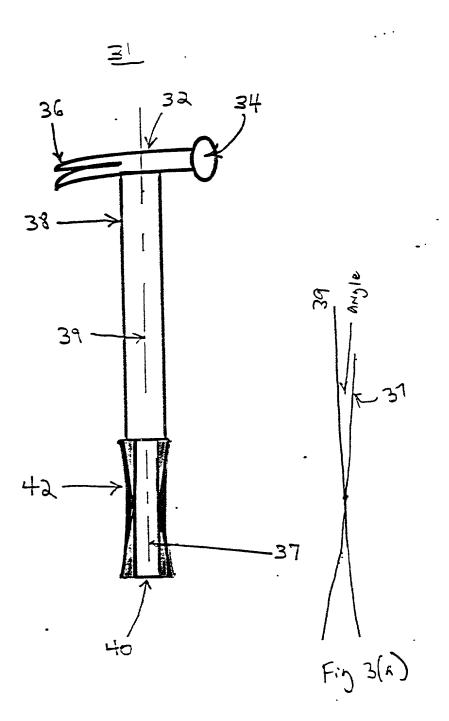


FIG. 2



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FIG.3

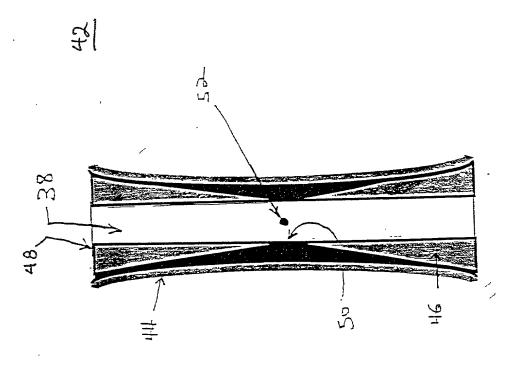


FIG. 4

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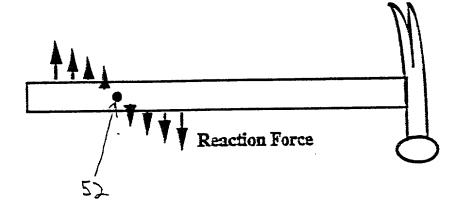


FIG.5

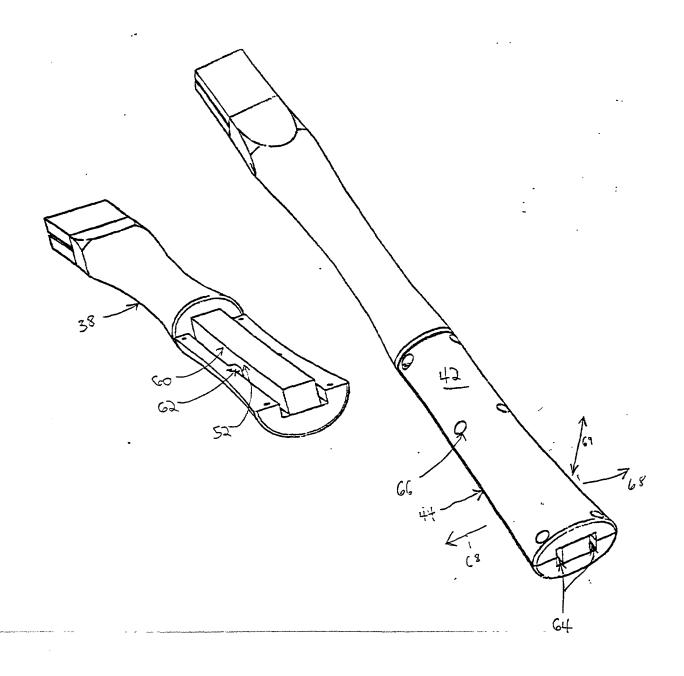


FIG. 6

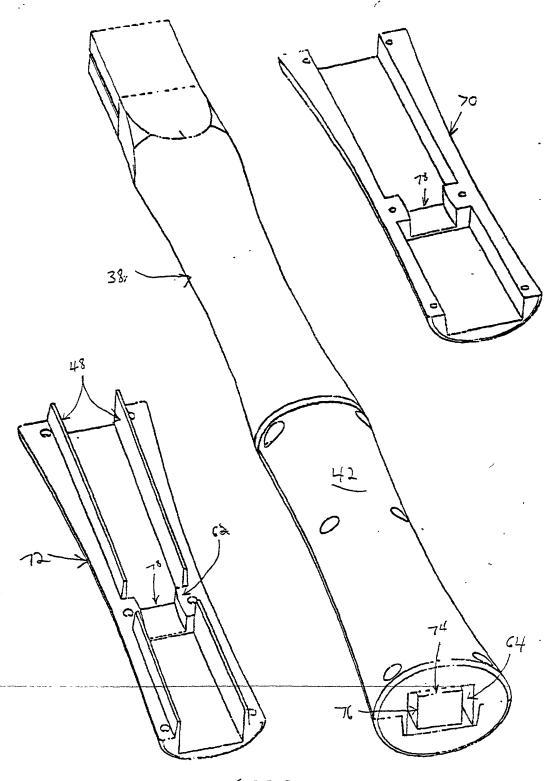
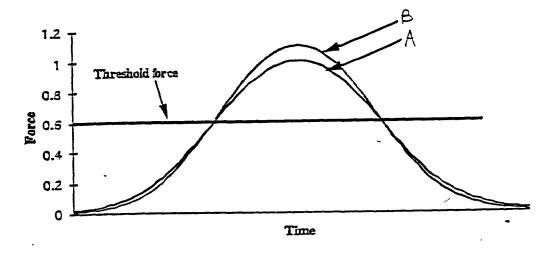


FIG.7

Model of Force Trace on Oscilloscope



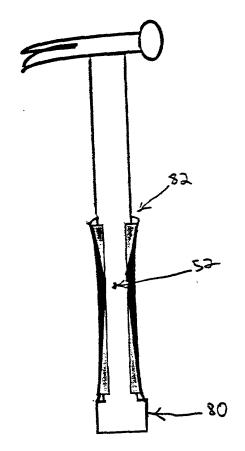


FIG 7

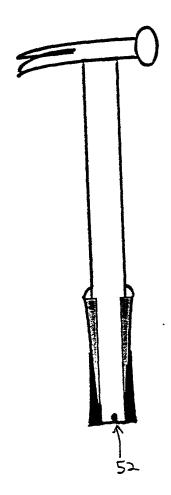
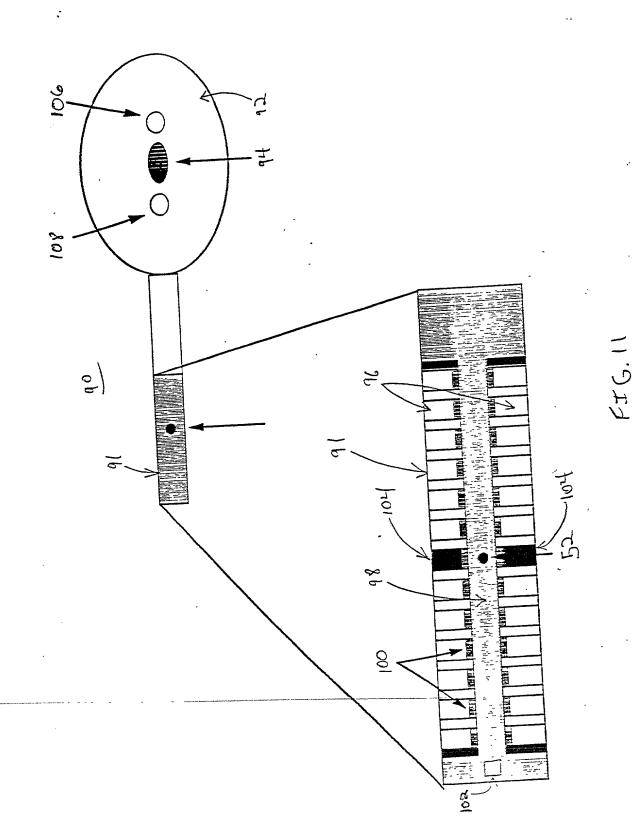


FIG. 10



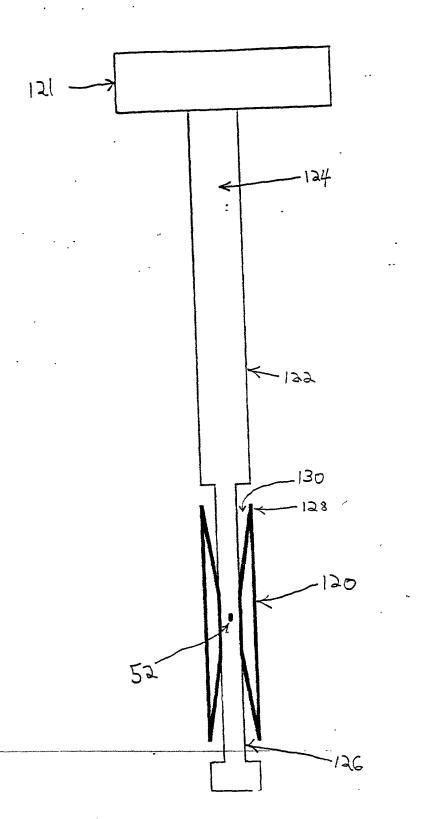


FIG. 13

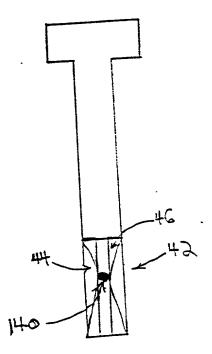
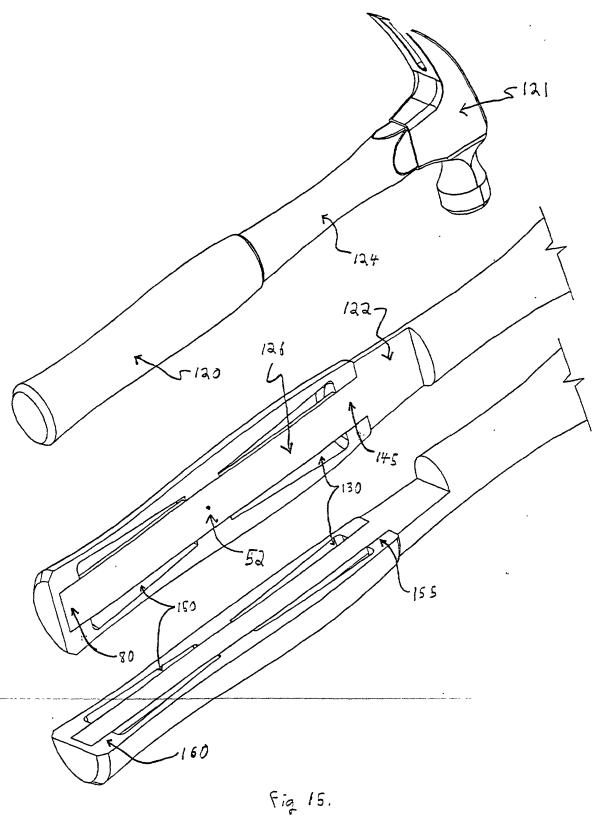
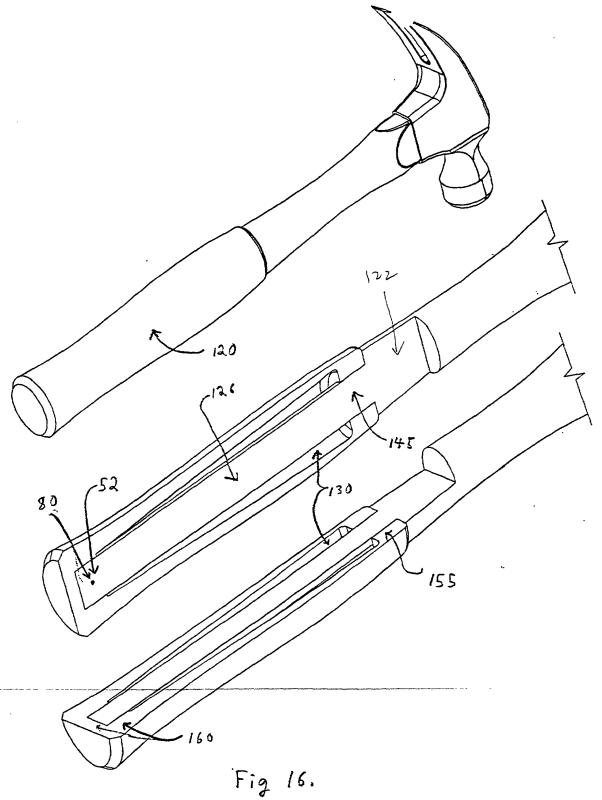


FIG. 14





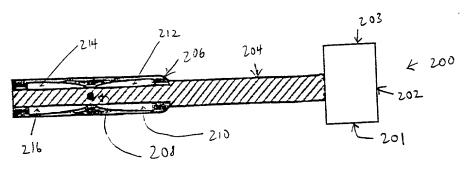


FIG. 17

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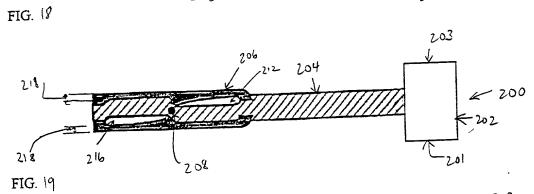
200

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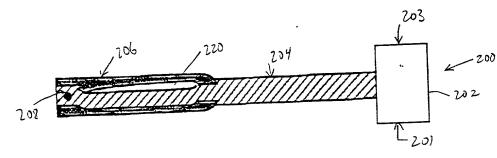
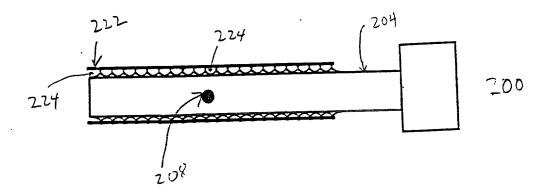


FIG. 20



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